### **MENIFEE COUNTY**

### (Menifee County Water Service Area Map)

- Estimated 1999 population of 5,600--65% on public water
- Estimated 2020 population of 6,650--71% on public water
- 140 miles of water lines, with plans for 28 additional miles
- Estimated funding needs for public water 2000-2005--\$2,400,000
- Estimated funding needs for public water 2006-2020--\$8,000,000

Menifee County had an estimated population of 5,631 (2,252 households) in 1999 with a projected population of 6,631 (3,001 households) in 2020. Public water is provided to about 65 percent of the county's residents. In areas of the county not served by public water, about 2/5 of the households rely on private domestic wells and 3/5 of the households rely on other sources. About 195 customers will be added to public water service through new line extensions in 2000-2020.

# Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New		Rehab	Source	Treatment	Tanks/	Total
		Customers					Pumps	
	Miles	Number	Cost in \$1000	In	in	in \$1000	in	in \$1000
				\$1000	\$1000		\$1000	
MENIFEE								,
Frenchburg						8,000		8,000
Total						8,000		8,000

# Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New		Rehab	Source	Treatment	Tanks/	Total
		Customers					Pumps	
	Miles	Number	Cost in \$1000	in \$1000				
MENIFEE								
Frenchburg	28	194	1,400				1,000	2,400
Total	28	194	1,400				1,000	2,400

### PUBLIC WATER SYSTEMS

Menifee County is served by the Frenchburg Water Company.

# **FRENCHBURG WATER COMPANY**

PWSID:	0830148
System Type:	COMMUNITY
Owner Type:	
Surface Source:	
Purchase Source:	BATH COUNTY WATER
Well Source:	

# WATER SERVICE AREAS MENIFEE COUNTY Kentucky

# Prepared By: Water Resource Development Commission

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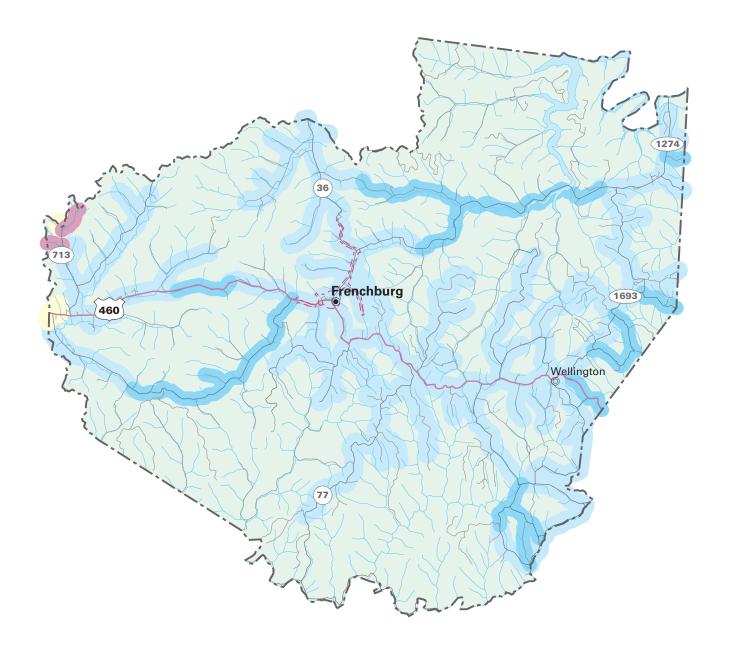








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### **WATER SERVICE STATUS BY OWNER**



Sells Water to:	FRENCHBURG WATER COMPANY
Treatment Plant Capacity (MGD):	
Percent Daily Average Production:	
Total Tank Storage Capacity (gallons):	
Total Service Connections:	
Number of Employees:	5.00
Treatment Operator Class:	
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:	
O/M costs 1997:	Not available
O/M costs per Service Connection:	Not available
Net Revenue 1997:	Not available
Total Water Produced 1997 (gallons):	Not available
Water Sold 1997 (gallons):	Not available
Unaccounted-for Water 1997 (%):	

### PRIVATE DOMESTIC SYSTEMS

About 1,900 residents of Menifee County rely on private domestic water supplies: 750 on wells and 1,150 on other sources.

Wells in alluvium in the valleys of Slate, Salt Lick, and Beaver Creeks yield only a minimum supply of slightly more than 100 gallons per day The northwestern half of Menifee county lies in the Knobs physiographic region in which rocks in this area generally yield small supplies of water for domestic use Wells on hills generally will yield smaller quantities of water than wells in valley bottoms In the central and southeast half of the county usually adequate soft water can be found on broad ridges. Wells in the broad valleys supply adequate water for domestic use, chiefly through fractures

Salty water may be found locally in a few wells drilled to depths of 100 feet below the level of the principal valley bottoms. Most ground water is moderately hard and contains noticeable amounts of iron

Springs are commonly found at the base of sandstone and limestone formations in valley bottoms. Some springs supply enough water for domestic use however generally they have large seasonal variation in flow.